EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("4893316" | "5623521" | "5757858").PN. OR ("6002726"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:21
L2	549	(sap or (secondary adj audio adj program$1)) and (FM or (frequency adj modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:22
L3	52	2 and (band adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:23
L4	38	3 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:22
L5	62	((secondary adj audio adj program$1)) and (FM or (frequency adj modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:22
L6	50	5 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:22
L7	5	6 and (band adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:23
S1	109568	(david.in. or wu.in.) and approximat$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:41
S2	85787	S1 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:22
S3	2183	S2 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:39

EAST Search History

S4	1880	S3 and phase$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:40
S5	32	S4 and "708"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:40
S6	0	(david.in. and wu.in.) and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:41
S7	10	(david.in. and wu.in.) and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:41
S8	20081	"708"/$.ccls. and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43
S9	1343	S8 and (approximat$3.ti. or approximat$3.clm. or approximat$3.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43
S10	592	S9 and (invers$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48
S11	66	S10 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43

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S12	58	S11 and phase$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:51
S13	202	S8 and approximat$3 and demodulat$3 and error$1 and quadrature and phase$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:52
S14	198	S13 and (frequency or FM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S15	112	S14 and estimat$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:54
S16	66	S15 and (invers$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:03
S17	402	((FM or (frequency adj modulation)) adj demodulation) and @ad<"20030730" and (approximat$3 or estimat$3) and error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:04
S18	3	S17 and "708"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:11
S19	97	708/502,654.ccls. and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:11

EAST Search History

S20	1	S19 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:12
S21	3	("4893316" | "5623521" | "5757858").PN. OR ("6002726"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 11:13
S22	7720	S8 and (frequency or FM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S23	899	S22 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S24	817	S23 and phase$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S25	397	S24 and 708/200,290,300-323,490, 502,650,654-656.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:01
S26	300	S25 and (approximat$3 or estimat$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:02
S27	248	S26 and $2modulat$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:02
S28	207	S27 and error$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:03

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S29	120	S28 and gain$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:04
S30	2	S29 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:05
S31	15	S29 and Fm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:05
S32	3	"7006806".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:17
S33	13	david.in. and chaohua.in. and wu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:19
S34	45	708/502.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:25
S35	11215	(FM or (frequency adj modulat$3)) and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:45
S36	183	((FM or (frequency adj modulat$3)) and quadrature) and "708"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:26

EAST Search History

S37	166	S36 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S38	116	S37 and error$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S39	3	("4893316" | "5623521" | "5757858").PN. OR ("6002726"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 10:31
S40	3188	((demodulat$ or de-modulat$3 or (de adj modulat$3)).ti. or (demodulat$ or de-modulat$3 or (de adj modulat$3)).clm. or (demodulat$ or de-modulat$3 or (de adj modulat$3)).ab.) and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S41	2829	S40 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S42	1796	S41 and error$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:47
S43	1133	approximat$3 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:47
S44	560	S43 and (invers$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48
S45	177	(FM.ti. or FM.clm. or FM.ab.) and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48

EAST Search History

S46	7	("4787056" | "5629885" | "6298368" | "6301598" | "RE35365").PN. OR ("6463452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 10:51

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2000 Summary of Engineering Research - Electrical and Computer ...
The proposed digital **FM demodulator** uses a sinc-cube decimation filter with ... **approximation** for frequency discrimination, and a digital **division** for AM ...
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For TV audio, a completely digital **FM demodulator** is being developed. ... three-point **approximation** for frequency discrimination, and a digital **division** for ...
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[PDF] EA467 Comm Lab II: Transmitters and Receivers Fall 2006
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Part F. **FM Demodulation**. FSK Data Receiver on a TDMA Channel (Rickover 122): ... **approximate** data rate (bits/sec) from the observed bit width. ...
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Subcarrier communication system - Patent 5442646
The modulated subcarrier is recovered from the **FM demodulator** (84) of the ... signal source having a frequency **approximating** that of the subcarrier, ...
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approximation term does not meet the accuracy requirements of. the fine stage. ... [5] N. Boutin, "An arctangent type wideband PM/**FM demodulator** with im- ...
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FM Demodulation Woes
Re: **FM Demodulation** Woes - Paul Solomon - 04:11 21-10-05 ... concise reference that says to **approximate** differentiation do this. ...
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EP1211859 Texas european software patent - Fixed-point dsp ...
Software Patent: Fixed-point dsp implementation of **fm demodulation** and decoding ... to perform **division** using a look-up table with an **approximation** and ...
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System and method for **approximating division** patent invention
[0002] The present invention is related to a system and method for **approximating division**, more particularly in an **FM demodulator**. [0003] 2. Background Art ...
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sample: Five real multiplies, five real additions, and one **division**. 5.3.1 DSP Computational Overhead. The **FM demodulator** was directly implemented into ...
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ELE635: Undergraduate Program- Electrical and Computer Eng. Ryerson
5. Frequency Modulation and **Demodulation**: To demonstrate the general properties of frequency-modulated (**FM**) signals. To investigate the use of PLL as an **FM** ...
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